

## EAST Search History

| Ref # | Hits    | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|---------|---|--|------------------|---------|---------------------|
| L1    | 13      | "3675196"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR               | ON      | 2008/09/05<br>23:35 |
| L2    | 18      | "5890715" "3675196"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR               | ON      | 2008/09/05<br>23:42 |
| L3    | 3737981 | (plurality devices node controller string terminal in out position signal).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR               | ON      | 2008/09/06<br>00:11 |
| L4    | 0       | (plurality devices node controller string terminal in out position signal).clm. | US-PGPUB;<br>USPAT                                 | AND              | ON      | 2008/09/06<br>00:11 |
| L5    | 0       | (plurality devices node controller string terminal in out position).clm.        | US-PGPUB;<br>USPAT                                 | AND              | ON      | 2008/09/06<br>00:12 |
| L6    | 36      | (plurality devices node controller string terminal position).clm.               | US-PGPUB;<br>USPAT                                 | AND              | ON      | 2008/09/06<br>00:12 |
| S1    | 388341  | (digital shift register) and (position near25 (device LED light node))          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR               | ON      | 2008/05/20<br>15:19 |
| S2    | 1       | (digital shift register) and (position near25 (device LED light node))          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND              | ON      | 2008/05/20<br>15:20 |
| S3    | 0       | (bit near10 (node device LED)) and position with string                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND              | ON      | 2008/05/20<br>15:22 |
| S4    | 0       | (bit near10 (node device LED)) and (position with (string sequence))            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND              | ON      | 2008/05/20<br>15:23 |

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| S5  | 0      | ((byte bit) near25 (node device LED)) and (position with (string sequence)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>15:23 |
| S6  | 0      | (light sequence) with (minimize near25 (wires connections links)) and game  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>15:24 |
| S7  | 113055 | shift near5 register  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>15:25 |
| S8  | 2126   | (position location sequence) near25 (output signal)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>15:27 |
| S9  | 149    | (data with stream) same (position sequence area order priority)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>15:28 |
| S10 | 58     | S7 and S8 and S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>15:29 |
| S11 | 0      | 463/1, 40-42.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>15:55 |
| S12 | 0      | 700/1-2, S9 "12".ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>15:55 |
| S13 | 0      | 709/220, "251", "252".ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>15:55 |
| S14 | 1588   | 463/36  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>18:25 |

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| S15 | 149915 | 463/36 and (shift near5 register) or (data near5 stream)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>18:26 |
| S16 | 149915 | S14 and (shift near5 register) or (data near5 stream)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>18:26 |
| S17 | 246945 | (shift near5 register) or (data near5 stream)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>18:27 |
| S18 | 120893 | (shift near5 register) or (data near5 (stream string))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>18:27 |
| S19 | 279770 | (shift near5 register) or (data near5 (stream string))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:27 |
| S20 | 113121 | (shift near5 register) or (data near5 (stream string)) and S14            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:28 |
| S21 | 113055 | (shift near5 register) or (data near5 (stream string)) and S14 and S6     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:28 |
| S22 | 113055 | (shift near5 register) or (data near5 (stream string)) and S14 and S6     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>18:28 |
| S23 | 113077 | (shift near5 register) or (data near5 (stream string)) and "463"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>18:29 |
| S24 | 9459   | (data near5 (string stream))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>18:29 |

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| S25 | 184890 | (data near5 (string stream))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:29 |
| S26 | 2031   | (bit near10 (node device LED)) and position with string                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:30 |
| S27 | 7079   | (bit near10 (node device LED)) and (position with (string sequence))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:30 |
| S28 | 8      | (light sequence) with (minimize near25 (wires connections links)) and game  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:30 |
| S29 | 9233   | ((byte bit) near25 (node device LED)) and (position with (string sequence)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:34 |
| S30 | 113055 | shift near5 register  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:34 |
| S31 | 2057   | S29 and S30   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:34 |
| S32 | 57     | S29 and S30 and S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:35 |
| S33 | 110560 | shift adj5 register   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/20<br>18:37 |
| S34 | 16     | (data adj2 stream) near10 (position with node)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/20<br>18:38 |

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| S35 | 1   | S33 and S34   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/20<br>18:38 |
| S36 | 101 | ("3979733"   "4031512"  <br>"4049906"   "4058672"  <br>"4058838"   "4071706"  <br>"4074232").PN. OR<br>("4156798").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON | 2008/05/20<br>18:41 |
| S37 | 101 | (US-7353322-\$ or US-<br>7353284-\$ or US-7352708-<br>\$ or US-7342885-\$ or US-<br>7317694-\$ or US-7313151-<br>\$ or US-7280490-\$ or US-<br>7274657-\$ or US-7266617-<br>\$ or US-7237135-\$ or US-<br>7194564-\$ or US-7191266-<br>\$ or US-RE39454-\$ or US-<br>7143164-\$ or US-7096302-<br>\$ or US-7058872-\$ or US-<br>7054337-\$ or US-7050453-<br>\$ or US-7003590-\$ or US-<br>6977887-\$ or US-6959343-<br>\$ or US-6944705-\$ or US-<br>6891848-\$ or US-6868097-<br>\$ or US-6865632-\$ or US-<br>6842805-\$).did. or (US-<br>6839791-\$ or US-6831928-<br>\$ or US-6820034-\$ or US-<br>6813663-\$ or US-6718497-<br>\$ or US-6683602-\$ or US-<br>6639918-\$ or US-6636914-<br>\$ or US-6631426-\$ or US-<br>6628607-\$ or US-6618785-<br>\$ or US-6618750-\$ or US-<br>6581095-\$ or US-6389478-<br>\$ or US-RE37494-\$ or US-<br>6205155-\$ or US-6104724-<br>\$ or US-6026366-\$ or US-<br>5920691-\$ or US-5901146-<br>\$ or US-5802362-\$ or US-<br>5798843-\$ or US-5590304-<br>\$ or US-5559967-\$ or US-<br>5532841-\$ or US-5461613-<br>\$ or US-5375159-\$).did. or<br>(US-5371877-\$ or US-<br>5301275-\$ or US-5276529-<br>\$ or US-5235595-\$ or US-<br>5226040-\$ or US-5222062-<br>\$ or US-5208900-\$ or US-<br>5165030-\$ or US-5163156-<br>\$ or US-5023891-\$ or US-<br>5021942-\$ or US-4980780-<br>\$ or US-4974097-\$ or US- | USPAT  | OR | ON | 2008/05/20<br>18:44 |

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|-----|-----|--|------------------------|----|----|---------------------|
|     |     | 4941123-\$ or US-4935866-\$ or US-4918597-\$ or US-4901277-\$ or US-4845609-\$ or US-4814979-\$ or US-4811277-\$ or US-4782519-\$ or US-4777595-\$ or US-4773040-\$ or US-4771423-\$ or US-4747097-\$ or US-4701756-\$ or US-4691294-\$). did. or (US-4644547-\$ or US-4607345-\$ or US-4603235-\$ or US-4571699-\$ or US-4550402-\$ or US-4500987-\$ or US-4476522-\$ or US-4463417-\$ or US-4454575-\$ or US-4451827-\$ or US-4394734-\$ or US-4354263-\$ or US-4251879-\$ or US-4205200-\$ or US-4074232-\$ or US-4071706-\$ or US-4058838-\$ or US-4058672-\$ or US-4049906-\$ or US-4031512-\$ or US-3979733-\$). did.                              |                        |    |    |                     |
| S38 | 7   | ("3979733"   "4031512"   "4049906"   "4058672"   "4058838"   "4071706"   "4074232").PN. OR ("4156798"). URP.N. and S30 and S34   | US-PGPUB; USPAT; USOCR | OR | ON | 2008/05/20<br>18:45 |
| S39 | 101 | (US-7353322-\$ or US-7353284-\$ or US-7352708-\$ or US-7342885-\$ or US-7317694-\$ or US-7313151-\$ or US-7280490-\$ or US-7274657-\$ or US-7266617-\$ or US-7237135-\$ or US-7194564-\$ or US-7191266-\$ or US-RE39454-\$ or US-7143164-\$ or US-7096302-\$ or US-7058872-\$ or US-7054337-\$ or US-7050453-\$ or US-7003590-\$ or US-6977887-\$ or US-6959343-\$ or US-6944705-\$ or US-6891848-\$ or US-6868097-\$ or US-6865632-\$ or US-6842805-\$). did. or (US-6839791-\$ or US-6831928-\$ or US-6820034-\$ or US-6813663-\$ or US-6718497-\$ or US-6683602-\$ or US-6639918-\$ or US-6636914-\$ or US-6631426-\$ or US-6628607-\$ or US-6618785- | USPAT                  | OR | ON | 2008/05/21<br>07:16 |

|     |       |  |  |    |    |                     |
|-----|-------|--|--|----|----|---------------------|
|     |       | \$ or US-6618750-\$ or US-6581095-\$ or US-6389478-\$ or US-RE37494-\$ or US-6205155-\$ or US-6104724-\$ or US-6026366-\$ or US-5920691-\$ or US-5901146-\$ or US-5802362-\$ or US-5798843-\$ or US-5590304-\$ or US-5559967-\$ or US-5532841-\$ or US-5461613-\$ or US-5375159-\$).did. or (US-5371877-\$ or US-5301275-\$ or US-5276529-\$ or US-5235595-\$ or US-5226040-\$ or US-5222062-\$ or US-5208900-\$ or US-5165030-\$ or US-5163156-\$ or US-5023891-\$ or US-5021942-\$ or US-4980780-\$ or US-4974097-\$ or US-4941123-\$ or US-4935866-\$ or US-4918597-\$ or US-4901277-\$ or US-4845609-\$ or US-4814979-\$ or US-4811277-\$ or US-4782519-\$ or US-4777595-\$ or US-4773040-\$ or US-4771423-\$ or US-4747097-\$ or US-4701756-\$ or US-4691294-\$).did. or (US-4644547-\$ or US-4607345-\$ or US-4603235-\$ or US-4571699-\$ or US-4550402-\$ or US-4500987-\$ or US-4476522-\$ or US-4463417-\$ or US-4454575-\$ or US-4451827-\$ or US-4394734-\$ or US-4354263-\$ or US-4251879-\$ or US-4205200-\$ or US-4074232-\$ or US-4071706-\$ or US-4058838-\$ or US-4058672-\$ or US-4049906-\$ or US-4031512-\$ or US-3979733-\$).did. |  |    |    |                     |
| S40 | 18    | S39 and (shift adj3 register)  | USPAT  | OR | ON | 2008/05/21<br>07:16 |
| S41 | 41    | (mattioe.in. or wilder.in. or "gail.in") and (register)  | USPAT  | OR | ON | 2008/05/21<br>07:24 |
| S42 | 11150 | (controller or processor) with (shift address position register) and (linked daisy \$chain daisy-chain "daisy chain") near10 (device node unit LED)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/21<br>08:18 |

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S43 | 7793 | (controller or processor) near10 (shift address position register) and (linked daisy\$chain daisy-chain "daisy chain") near5 (device node unit LED)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2008/05/21 08:19 |
| S44 | 1459 | (controller or processor) near10 (shift address position register) and (linked daisy\$chain daisy-chain "daisy chain") near5 (device node unit LED) and game  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2008/05/21 08:20 |
| S45 | 1459 | (controller or processor) near10 (shift address position register) and ((linked daisy\$chain daisy-chain "daisy chain") near5 (device node unit LED)) and game  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2008/05/21 08:21 |
| S46 | 592  | (controller or processor) near10 (shift address position register) and ((linked daisy\$chain daisy-chain "daisy chain") near5 (device node unit LED)) and game with (in out)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2008/05/21 08:21 |
| S47 | 195  | (controller or processor) near10 (shift address position register) and ((linked daisy\$chain daisy-chain "daisy chain") near5 (device node unit LED)) and game with (in out) and ((unique specific assigned) adj5 (position order)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2008/05/21 08:22 |
| S48 | 55   | (controller or processor) near10 (shift address position register) and (linked daisy\$chain daisy-chain "daisy chain") near5 (LED)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2008/05/21 08:27 |
| S49 | 4    | (controller or processor) near10 (shift address position register) and ((linked daisy\$chain daisy-chain "daisy chain") near5 (LED)) and game with (in out) and ((unique specific assigned) adj5 (position order))                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2008/05/21 08:27 |



|     |        |  |  |     |    |                     |
|-----|--------|--|--|-----|----|---------------------|
| S50 | 2      | "20040257007"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/21<br>13:38 |
| S51 | 220    | "4298869"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/21<br>19:58 |
| S52 | 1      | (US-20080012506-\$).did.   | US-PGPUB   | OR  | ON | 2008/05/21<br>19:58 |
| S53 | 113077 | (shift near5 register) or<br>(data near5 (stream<br>string)) and "463"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/21<br>19:59 |
| S54 | 0      | S52 and S53  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/21<br>19:59 |
| S55 | 7793   | (controller or processor)<br>near10 (shift address<br>position register) and<br>(linked daisy\$chain daisy-<br>chain "daisy chain") near5<br>(device node unit LED)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/21<br>20:00 |
| S56 | 1      | S52 and S55  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/21<br>20:00 |
| S57 | 6      | "4298869" and (position<br>near5 address)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/21<br>20:03 |
| S58 | 230    | ("20010033488"  <br>"3561719"   "3643088"  <br>"3746918"   "3832503"  <br>"3858086"   "3909670"  <br>"3924120"   "3958885"  <br>"3974637"   "4001571"  <br>"4054814"   "4082395"  <br>"4096349"   "4213182"  <br>"4241295"   "4272689"  <br>"4273999"   "4298869"  <br>"4329625"   "4367464"  <br>"4388567"   "4388589"  <br>"4392187"   "4420711"  <br>"4425628"   "4500796"  <br>"4625152"   "4644547" | US-PGPUB;<br>USPAT;<br>USOCR                       | OR  | ON | 2008/05/21<br>20:12 |

|                        |           |
|------------------------|-----------|
| "4647217"              | "4656398" |
| "4668895"              | "4682079" |
| "4686425"              | "4687340" |
| "4688154"              | "4688869" |
| "4695769"              | "4701669" |
| "4705406"              | "4707141" |
| "4727289"              | "4740882" |
| "4771274"              | "4780621" |
| "4818072"              | "4837565" |
| "4845481"              | "4845745" |
| "4863223"              | "4874320" |
| "4887074"              | "4922154" |
| "4934852"              | "4965561" |
| "4973835"              | "4980806" |
| "4992704"              | "5003227" |
| "5008595"              | "5027262" |
| "5034807"              | "5083063" |
| "5126634"              | "5128595" |
| "5134387"              | "5142199" |
| "5154641"              | "5164715" |
| "5184114"              | "5194854" |
| "5209560"              | "5225765" |
| "5226723"              | "5254910" |
| "5256948"              | "5282121" |
| "5294865"              | "5329431" |
| "5350977"              | "5357170" |
| "5371618"              | "5374876" |
| "5388357"              | "5392431" |
| "5404282"              | "5406176" |
| "5410328"              | "5412284" |
| "5420482"              | "5432408" |
| "5436535"              | "5463280" |
| "5465144"              | "5489827" |
| "5491402"              | "5504395" |
| "5545950"              | "5559681" |
| "5561346"              | "5575459" |
| "5575554"              | "5592051" |
| "5621282"              | "5640061" |
| "5701058"              | "5721471" |
| "5751118"              | "5752766" |
| "5769527"              | "5803579" |
| "5808689"              | "5821695" |
| "5852658"              | "5859508" |
| "5896010"              | "5912653" |
| "5924784"              | "5946209" |
| "5952680"              | "5959547" |
| "5962992"              | "5963185" |
| "5974553".PN.          | OR        |
| ("6016038"   "6018237" |           |
| "6031343"   "6072280"  |           |
| "6132072"   "6135604"  |           |
| "6150774"   "6166496"  |           |
| "6175201"   "6183086"  |           |
| "6184628"   "6196471"  |           |
| "6211626"   "6215409"  |           |
| "6250774"   "6292901"  |           |

|     |     |   |                    |    |    |                     |
|-----|-----|---|--------------------|----|----|---------------------|
|     |     | "RE36030"), PN. OR<br>("6608453"). URPN.  |                    |    |    |                     |
| S59 | 201 | (US-20010033488-\$). did.<br>or (US-7374311-\$ or US-<br>7367692-\$ or US-7364488-<br>\$ or US-7358706-\$ or US-<br>7358679-\$ or US-D566323-<br>\$ or US-7354172-\$ or US-<br>D565784-\$ or US-7352138-<br>\$ or US-7350936-\$ or US-<br>7348949-\$ or US-7348946-<br>\$ or US-7348736-\$ or US-<br>7346433-\$ or US-7344279-<br>\$ or US-D562494-\$ or US-<br>7333903-\$ or US-7319293-<br>\$ or US-7318659-\$ or US-<br>D558914-\$ or US-D558913-<br>\$ or US-7309965-\$ or US-<br>7303300-\$ or US-7300192-<br>\$ or US-7292209-\$ or US-<br>D553266-\$). did. or (US-<br>D553265-\$ or US-7281811-<br>\$ or US-7274160-\$ or US-<br>7257551-\$ or US-7256554-<br>\$ or US-7255457-\$ or US-<br>7253566-\$ or US-7246919-<br>\$ or US-D546931-\$ or US-<br>7242152-\$ or US-7233831-<br>\$ or US-7233115-\$ or US-<br>7231060-\$ or US-7227634-<br>\$ or US-7221110-\$ or US-<br>7221104-\$ or US-7220015-<br>\$ or US-D542400-\$ or US-<br>7215086-\$ or US-D541922-<br>\$ or US-7204622-\$ or US-<br>7202613-\$ or US-7202607-<br>\$ or US-7198387-\$ or US-<br>D538952-\$ or US-D538951-<br>\$ or US-D538950-\$). did. or<br>(US-7187141-\$ or US-<br>7178941-\$ or US-7175302-<br>\$ or US-7168828-\$ or US-<br>7167777-\$ or US-7161556-<br>\$ or US-7161311-\$ or US-<br>7144131-\$ or US-D532532-<br>\$ or US-7135824-\$ or US-<br>D531740-\$ or US-7132785-<br>\$ or US-7132635-\$ or US-<br>7131748-\$ or US-7126290-<br>\$ or US-7125137-\$ or US-<br>7114827-\$ or US-7113196-<br>\$ or US-D528673-\$ or US-<br>7102301-\$ or US-D527119-<br>\$ or US-7086756-\$ or US-<br>D525379-\$ or US-D525374-<br>\$ or US-7067992-\$ or US- | US-PGPUB;<br>USPAT | OR | ON | 2008/05/21<br>20:12 |

7038399-\$ or US-7014336-\$).did. or (US-6975079-\$ or US-6969954-\$ or US-6967448-\$ or US-6965205-\$ or US-6933680-\$ or US-6917164-\$ or US-6900390-\$ or US-6885297-\$ or US-6777891-\$ or US-6292901-\$ or US-6250774-\$ or US-6215409-\$ or US-6211626-\$ or US-6196471-\$ or US-6184628-\$ or US-6183086-\$ or US-6175201-\$ or US-6166496-\$ or US-6150774-\$ or US-6135604-\$ or US-6132072-\$ or US-6072280-\$ or US-6031343-\$ or US-6018237-\$ or US-6016038-\$ or US-5974553-\$ or US-5963185-\$).did. or (US-5962992-\$ or US-5959547-\$ or US-5952680-\$ or US-5946209-\$ or US-5924784-\$ or US-5912653-\$ or US-5896010-\$ or US-5859508-\$ or US-RE36030-\$ or US-5852658-\$ or US-5821695-\$ or US-5808689-\$ or US-5803579-\$ or US-5769527-\$ or US-5752766-\$ or US-5751118-\$ or US-5721471-\$ or US-5701058-\$ or US-5640061-\$ or US-5621282-\$ or US-5592051-\$ or US-5575554-\$ or US-5575459-\$ or US-5561346-\$ or US-5559681-\$ or US-5545950-\$ or US-5504395-\$).did. or (US-5491402-\$ or US-5489827-\$ or US-5465144-\$ or US-5463280-\$ or US-5436535-\$ or US-5432408-\$ or US-5420482-\$ or US-5412284-\$ or US-5410328-\$ or US-5406176-\$ or US-5404282-\$ or US-5392431-\$ or US-5388357-\$ or US-5374876-\$ or US-5371618-\$ or US-5357170-\$ or US-5350977-\$ or US-5329431-\$ or US-5294865-\$ or US-5282121-\$ or US-5256948-\$ or US-5254910-\$ or US-5226723-\$ or US-5225765-\$ or US-5209560-\$ or US-5194854-\$ or US-5184114-

|     |     |  |                              |    |    |                     |
|-----|-----|--|------------------------------|----|----|---------------------|
|     |     | \$). did. or (US-5164715-\$ or US-5154641-\$ or US-5142199-\$ or US-5134387-\$ or US-5128595-\$ or US-5126634-\$ or US-5083063-\$ or US-5034807-\$ or US-5027262-\$ or US-5008595-\$ or US-5003227-\$ or US-4992704-\$ or US-4980806-\$ or US-4973835-\$ or US-4965561-\$ or US-4934852-\$ or US-4922154-\$ or US-4887074-\$ or US-4874320-\$ or US-4863223-\$ or US-4845745-\$ or US-4845481-\$ or US-4837565-\$ or US-4818072-\$ or US-4780621-\$ or US-4771274-\$ or US-4740882-\$). did. or (US-4727289-\$ or US-4707141-\$ or US-4705406-\$ or US-4701669-\$ or US-4695769-\$ or US-4688869-\$ or US-4688154-\$ or US-4687340-\$ or US-4686425-\$ or US-4682079-\$ or US-4668895-\$ or US-4656398-\$). did. |                              |    |    |                     |
| S62 | 1   | S58 and (position near5 address) and @AD< "20001010"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/05/21<br>20:14 |
| S63 | 2   | S58 and (position near5 address) and @AD< "20011010"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/05/21<br>20:15 |
| S64 | 3   | S58 and (position near5 address) and @AD< "20021010"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/05/21<br>20:16 |
| S65 | 268 | ("20010033488"  <br>"20020038157"  <br>"20020044066"  <br>"20020047569"  <br>"20020047624"  <br>"20020048169"  <br>"20020057061"  <br>"20020070688"  <br>"20020074559"  <br>"20020078221"  <br>"20020101197"  <br>"20020130627"  <br>"20020145394"  <br>"20020145869"  <br>"20020152045"  <br>"20020153851"  <br>"20020158583"  <br>"20020163316"  <br>"20020171365"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/05/21<br>20:18 |

"20020171377" |  
"20020171378" |  
"20020176259" |  
"20020195975" |  
"20030011538" |  
"20030028260" |  
"20030057884" |  
"20030057886" |  
"20030057887" |  
"20030057890" |  
"20030076281" |  
"20030100837" |  
"20030133292" |  
"20030137258" |  
"2909097" | "3318185" |  
"3561719" | "3586936" |  
"3601621" | "3643088" |  
"3746918" | "3789211" |  
"3818216" | "3832503" |  
"3858086" | "3909670" |  
"3924120" | "3958885" |  
"3974637" | "4001571" |  
"4054814" | "4070568" |  
"4082395" | "4096349" |  
"4241295" | "4271408" |  
"4272689" | "4273999" |  
"4298869" | "4329625" |  
"4339788" | "4342947" |  
"4367464" | "4388567" |  
"4388589" | "4392187" |  
"4420711" | "4455562" |  
"4500796" | "4597033" |  
"4622881" | "4625152" |  
"4635052" | "4647217" |  
"4656398" | "4668895" |  
"4675575" | "4682079" |  
"4686425" | "4687340" |  
"4688154" | "4688869" |  
"4695769" | "4701669" |  
"4705406" | "4707141" |  
"4727289" | "4740882" |  
"4753148" | "4771274" |  
"4780621" | "4794383" |  
"4818072" | "4837565" |  
"4843627" | "4845481" |  
"4845745" | "4857801" |  
"4863223" | "4870325" |  
"4874320" | "4887074" |  
"4922154" | "4934852" |  
"4962687" | "4965561" |  
"4973835" | "4979081" |  
"4980806" | "4992704" |  
"5003227" | "5008595" |  
"5008788" | "5010459" |  
"5027262").PN. OR  
("5034807" | "5036248" |

|           |           |
|-----------|-----------|
| "5038255" | "5072216" |
| "5078039" | "5083063" |
| "5089748" | "5122733" |
| "5126634" | "5128595" |
| "5130909" | "5134387" |
| "5142199" | "5154641" |
| "5161879" | "5164715" |
| "5184114" | "5194854" |
| "5209560" | "5225765" |
| "5226723" | "5254910" |
| "5256948" | "5278542" |
| "5282121" | "5283517" |
| "5287352" | "5294865" |
| "5298871" | "5301090" |
| "5307295" | "5329431" |
| "5350977" | "5357170" |
| "5371618" | "5374876" |
| "5375043" | "5381074" |
| "5388357" | "5392431" |
| "5402702" | "5404282" |
| "5406176" | "5410328" |
| "5412284" | "5412552" |
| "5420482" | "5421059" |
| "5432408" | "5436535" |
| "5436853" | "5450301" |
| "5461188" | "5463280" |
| "5465144" | "5475300" |
| "5489827" | "5491402" |
| "5493183" | "5504395" |
| "5519496" | "5545950" |
| "5559681" | "5561346" |
| "5575459" | "5575554" |
| "5592051" | "5614788" |
| "5621282" | "5621603" |
| "5633629" | "5634711" |
| "5640061" | "5642129" |
| "5656935" | "5673059" |
| "5688042" | "5701058" |
| "5712650" | "5721471" |
| "5734590" | "5751118" |
| "5752766" | "5769527" |
| "5784006" | "5790329" |
| "5803579" | "5808689" |
| "5812105" | "5821695" |
| "5836676" | "5838247" |
| "5848837" | "5850126" |
| "5851063" | "5852658" |
| "5854542" | "5859508" |
| "5896010" | "5907742" |
| "5912653" | "5924784" |
| "5927845" | "5946209" |
| "5952680" | "5959547" |
| "5963185" | "5974553" |
| "5980064" | "6008783" |
| "6016038" | "6018237" |
| "6020825" | "6025550" |

|     |     |  |                              |    |    |                     |
|-----|-----|--|------------------------------|----|----|---------------------|
|     |     | "6031343"   "6068383"  <br>"6069597"   "6072280"  <br>"6092915"   "6095661"  <br>"6097352"   "6127783"  <br>"6132072"   "6135604"  <br>"6150771").PN. OR<br>("6150774"   "6166496"  <br>"6175201"   "6181126"  <br>"6183086"   "6183104"  <br>"6184628"   "6196471"  <br>"6211626"   "6215409"  <br>"6250774"   "6252358"  <br>"6273338"   "6292901"  <br>"6310590"   "6323832"  <br>"6340868"   "6445139"  <br>"6448550"   "6459919"  <br>"6495964"   "6528954"  <br>"6548967"   "6577080"  <br>"6608453"   "6624597"  <br>"RE36030").PN.   |                              |    |    |                     |
| S66 | 268 | (US-20030137258-\$ or US-<br>20030133292-\$ or US-<br>20030100837-\$ or US-<br>20030076281-\$ or US-<br>20030057890-\$ or US-<br>20030057887-\$ or US-<br>20030057886-\$ or US-<br>20030057884-\$ or US-<br>20030028260-\$ or US-<br>20030011538-\$ or US-<br>20020195975-\$ or US-<br>20020176259-\$ or US-<br>20020171378-\$ or US-<br>20020171377-\$ or US-<br>20020171365-\$ or US-<br>20020163316-\$ or US-<br>20020158583-\$ or US-<br>20020153851-\$ or US-<br>20020152045-\$ or US-<br>20020145869-\$ or US-<br>20020145394-\$ or US-<br>20020130627-\$ or US-<br>20020101197-\$ or US-<br>20020078221-\$ or US-<br>20020074559-\$ or US-<br>20020070688-\$).did. or<br>(US-20020057061-\$ or US-<br>20020048169-\$ or US-<br>20020047624-\$ or US-<br>20020047569-\$ or US-<br>20020044066-\$ or US-<br>20020038157-\$ or US-<br>20010033488-\$).did. or<br>(US-6624597-\$ or US-<br>6608453-\$ or US-6577080-\$<br>or US-6548967-\$ or US- | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/05/21<br>20:19 |



6528954-\$ or US-6495964-  
\$ or US-6459919-\$ or US-  
6448550-\$ or US-6445139-  
\$ or US-6340868-\$ or US-  
6323832-\$ or US-6310590-  
\$ or US-6292901-\$ or US-  
6273338-\$ or US-6252358-  
\$ or US-6250774-\$ or US-  
6215409-\$ or US-6211626-  
\$ or US-6196471-\$ or US-  
6184628-\$ or US-6183104-  
\$ or US-6183086-\$ or US-  
6181126-\$ or US-6175201-  
\$ or US-6166496-\$ or US-  
6150774-\$).did. or (US-  
6150771-\$ or US-6135604-  
\$ or US-6132072-\$ or US-  
6127783-\$ or US-6097352-  
\$ or US-6095661-\$ or US-  
6092915-\$ or US-6072280-  
\$ or US-6069597-\$ or US-  
6068383-\$ or US-6031343-  
\$ or US-6025550-\$ or US-  
6020825-\$ or US-6018237-  
\$ or US-6016038-\$ or US-  
6008783-\$ or US-5980064-  
\$ or US-5974553-\$ or US-  
5963185-\$ or US-5959547-  
\$ or US-5952680-\$ or US-  
5946209-\$ or US-5927845-  
\$ or US-5924784-\$ or US-  
5912653-\$ or US-5907742-  
\$ or US-5896010-\$).did. or  
(US-5859508-\$ or US-  
RE36030-\$ or US-5854542-  
\$ or US-5852658-\$ or US-  
5851063-\$ or US-5850126-  
\$ or US-5848837-\$ or US-  
5838247-\$ or US-5836676-  
\$ or US-5821695-\$ or US-  
5812105-\$ or US-5808689-  
\$ or US-5803579-\$ or US-  
5790329-\$ or US-5784006-  
\$ or US-5769527-\$ or US-  
5752766-\$ or US-5751118-  
\$ or US-5734590-\$ or US-  
5721471-\$ or US-5712650-  
\$ or US-5701058-\$ or US-  
5688042-\$ or US-5673059-  
\$ or US-5656935-\$ or US-  
5642129-\$ or US-5640061-  
\$).did. or (US-5634711-\$  
or US-5633629-\$ or US-  
5621603-\$ or US-5621282-  
\$ or US-5614788-\$ or US-  
5592051-\$ or US-5575554-

\$ or US-5575459-\$ or US-  
5561346-\$ or US-5559681-  
\$ or US-5545950-\$ or US-  
5519496-\$ or US-5504395-  
\$ or US-5493183-\$ or US-  
5491402-\$ or US-5489827-  
\$ or US-5475300-\$ or US-  
5465144-\$ or US-5463280-  
\$ or US-5461188-\$ or US-  
5450301-\$ or US-5436853-  
\$ or US-5436535-\$ or US-  
5432408-\$ or US-5421059-  
\$ or US-5420482-\$ or US-  
5412552-\$).did. or (US-  
5412284-\$ or US-5410328-  
\$ or US-5406176-\$ or US-  
5404282-\$ or US-5402702-  
\$ or US-5392431-\$ or US-  
5388357-\$ or US-5381074-  
\$ or US-5375043-\$ or US-  
5374876-\$ or US-5371618-  
\$ or US-5357170-\$ or US-  
5350977-\$ or US-5329431-  
\$ or US-5307295-\$ or US-  
5301090-\$ or US-5298871-  
\$ or US-5294865-\$ or US-  
5287352-\$ or US-5283517-  
\$ or US-5282121-\$ or US-  
5278542-\$ or US-5256948-  
\$ or US-5254910-\$ or US-  
5226723-\$ or US-5225765-  
\$ or US-5209560-\$).did. or  
(US-5194854-\$ or US-  
5184114-\$ or US-5164715-  
\$ or US-5161879-\$ or US-  
5154641-\$ or US-5142199-  
\$ or US-5134387-\$ or US-  
5130909-\$ or US-5128595-  
\$ or US-5126634-\$ or US-  
5122733-\$ or US-5089748-  
\$ or US-5083063-\$ or US-  
5078039-\$ or US-5072216-  
\$ or US-5038255-\$ or US-  
5036248-\$ or US-5034807-  
\$ or US-5027262-\$ or US-  
5010459-\$ or US-5008788-  
\$ or US-5008595-\$ or US-  
5003227-\$ or US-4992704-  
\$ or US-4980806-\$ or US-  
4979081-\$ or US-4973835-  
\$).did. or (US-4965561-\$  
or US-4962687-\$ or US-  
4934852-\$ or US-4922154-  
\$ or US-4887074-\$ or US-  
4874320-\$ or US-4870325-  
\$ or US-4863223-\$ or US-

|     |     |  |                              |    |    |                     |
|-----|-----|--|------------------------------|----|----|---------------------|
|     |     | 4857801-\$ or US-4845745-\$ or US-4845481-\$ or US-4843627-\$ or US-4837565-\$ or US-4818072-\$ or US-4794383-\$ or US-4780621-\$ or US-4771274-\$ or US-4753148-\$ or US-4740882-\$ or US-4727289-\$ or US-4707141-\$ or US-4705406-\$ or US-4701669-\$ or US-4695769-\$ or US-4688869-\$ or US-4688154-\$ or US-4687340-\$).did. or (US-4686425-\$ or US-4682079-\$ or US-4675575-\$ or US-4668895-\$ or US-4656398-\$ or US-4647217-\$ or US-4635052-\$ or US-4625152-\$ or US-4622881-\$ or US-4597033-\$ or US-4500796-\$ or US-4455562-\$ or US-4420711-\$ or US-4392187-\$ or US-4388589-\$ or US-4388567-\$ or US-4367464-\$ or US-4342947-\$ or US-4339788-\$ or US-4329625-\$ or US-4298869-\$ or US-4273999-\$ or US-4272689-\$ or US-4271408-\$ or US-4241295-\$ or US-4096349-\$ or US-4082395-\$).did. or (US-4070568-\$ or US-4054814-\$ or US-4001571-\$ or US-3974637-\$ or US-3958885-\$ or US-3924120-\$ or US-3909670-\$ or US-3858086-\$ or US-3832503-\$ or US-3818216-\$ or US-3789211-\$ or US-3746918-\$ or US-3643088-\$ or US-3601621-\$ or US-3586936-\$ or US-3561719-\$ or US-3318185-\$ or US-2909097-\$).did. or (US-3318185-\$ or US-2909097-\$).did. |                              |    |    |                     |
| S67 | 1   | S66 and S64  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/05/21<br>20:20 |
| S68 | 232 | S66 and @AD< "20010322"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/05/21<br>20:22 |

|     |     |   |                              |    |    |                     |
|-----|-----|---|------------------------------|----|----|---------------------|
| S69 | 230 | ("20010033488"  <br>"3561719"   "3643088"  <br>"3746918"   "3832503"  <br>"3858086"   "3909670"  <br>"3924120"   "3958885"  <br>"3974637"   "4001571"  <br>"4054814"   "4082395"  <br>"4096349"   "4213182"  <br>"4241295"   "4272689"  <br>"4273999"   "4298869"  <br>"4329625"   "4367464"  <br>"4388567"   "4388589"  <br>"4392187"   "4420711"  <br>"4425628"   "4500796"  <br>"4625152"   "4644547"  <br>"4647217"   "4656398"  <br>"4668895"   "4682079"  <br>"4686425"   "4687340"  <br>"4688154"   "4688869"  <br>"4695769"   "4701669"  <br>"4705406"   "4707141"  <br>"4727289"   "4740882"  <br>"4771274"   "4780621"  <br>"4818072"   "4837565"  <br>"4845481"   "4845745"  <br>"4863223"   "4874320"  <br>"4887074"   "4922154"  <br>"4934852"   "4965561"  <br>"4973835"   "4980806"  <br>"4992704"   "5003227"  <br>"5008595"   "5027262"  <br>"5034807"   "5083063"  <br>"5126634"   "5128595"  <br>"5134387"   "5142199"  <br>"5154641"   "5164715"  <br>"5184114"   "5194854"  <br>"5209560"   "5225765"  <br>"5226723"   "5254910"  <br>"5256948"   "5282121"  <br>"5294865"   "5329431"  <br>"5350977"   "5357170"  <br>"5371618"   "5374876"  <br>"5388357"   "5392431"  <br>"5404282"   "5406176"  <br>"5410328"   "5412284"  <br>"5420482"   "5432408"  <br>"5436535"   "5463280"  <br>"5465144"   "5489827"  <br>"5491402"   "5504395"  <br>"5545950"   "5559681"  <br>"5561346"   "5575459"  <br>"5575554"   "5592051"  <br>"5621282"   "5640061"  <br>"5701058"   "5721471"  <br>"5751118"   "5752766"  <br>"5769527"   "5803579" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/05/22<br>10:49 |
|-----|-----|---|------------------------------|----|----|---------------------|

|     |      |  |  |     |    |                     |
|-----|------|--|--|-----|----|---------------------|
|     |      | "5808689"   "5821695"  <br>"5852658"   "5859508"  <br>"5896010"   "5912653"  <br>"5924784"   "5946209"  <br>"5952680"   "5959547"  <br>"5962992"   "5963185"  <br>"5974553").PN. OR<br>("6016038"   "6018237"  <br>"6031343"   "6072280"  <br>"6132072"   "6135604"  <br>"6150774"   "6166496"  <br>"6175201"   "6183086"  <br>"6184628"   "6196471"  <br>"6211626"   "6215409"  <br>"6250774"   "6292901"  <br>"RE36030").PN. OR<br>("6608453").URPN. |  |     |    |                     |
| S70 | 101  | S69 and relative   | US-PGPUB;<br>USPAT;<br>USOCR                       | OR  | ON | 2008/05/22<br>10:49 |
| S71 | 2    | "20040257007"  | US-PGPUB;<br>USPAT;<br>USOCR                       | OR  | ON | 2008/05/22<br>10:50 |
| S72 | 149  | (data with stream) same<br>(position sequence area<br>order priority)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | AND | ON | 2008/05/22<br>10:51 |
| S73 | 63   | S69 and relative and<br>@AD<"20001010"   | US-PGPUB;<br>USPAT;<br>USOCR                       | OR  | ON | 2008/05/22<br>10:54 |
| S74 | 94   | (digital shift register) and<br>(position near25 (device<br>LED light node)) and Lys.<br>in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/22<br>14:11 |
| S75 | 75   | (digital shift register) and<br>(position near25 (device<br>LED light node)) and Lys.<br>in. and order   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/22<br>14:18 |
| S76 | 42   | "6788011"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/22<br>16:02 |
| S77 | 1394 | address and (order near10<br>position) and (order<br>near10 node)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR  | ON | 2008/05/22<br>16:06 |

|     |     |   |  |    |    |                     |
|-----|-----|---|--|----|----|---------------------|
| S78 | 799 | address and (order near10 position) and (order near10 node) and @AD<"20021212"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>16:07 |
| S79 | 281 | address and (order near5 position) and (order near5 node) and @AD<"20021212" and register                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>16:08 |
| S80 | 248 | address and (order near5 position) and (order near5 node) and @AD<"20011212" and register                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>16:08 |
| S81 | 145 | (order near5 position) and (order near5 node) and @AD<"20011212" and shift adj5 register  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>16:12 |
| S82 | 0   | "09971367".ap.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>18:21 |
| S83 | 0   | "09971367".app.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>18:22 |
| S84 | 0   | "09971367".app.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>18:22 |
| S85 | 2   | 09/971367.app.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>18:22 |
| S86 | 42  | address and (order near10 position) and (order near10 node) and @AD<"20021212" and ((serial ordinal sequential) near5 position) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>19:02 |
| S87 | 41  | address and (order near10 position) and (order near10 node) and @AD<"20011212" and ((serial ordinal sequential) near5 position) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>19:03 |

|     |       |   |  |    |    |                     |
|-----|-------|---|--|----|----|---------------------|
| S88 | 46    | (order near10 position)<br>and (order near10 node)<br>and @AD< "20011212" and<br>((serial ordinal sequential)<br>near5 position)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/22<br>19:35 |
| S89 | 14    | "5319360"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/23<br>08:13 |
| S90 | 15    | ("4712214"   "5159452"  <br>"5319360"   "5333135"  <br>"5337313"   "5345448"  <br>"5396490"   "5410733"  <br>"5483668"   "5524009"  <br>"5537409"   "5606558").<br>PN. OR ("6002686").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                       | OR | ON | 2008/05/23<br>08:40 |
| S91 | 47148 | (controller near5 (return<br>sensor feedback "datain"))<br>and @AD< "20000101"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/23<br>08:55 |
| S92 | 9932  | (controller adj2 (return<br>sensor feedback "datain"))<br>and @AD< "20000101"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/23<br>08:56 |
| S93 | 7853  | (controller adj2 (return<br>sensor "datain")) and<br>@AD< "20000101"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/23<br>08:56 |
| S94 | 4402  | (controller adj2 (sensor<br>"datain")) and<br>@AD< "20000101"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/23<br>08:56 |
| S95 | 2106  | (controller adj2 (sensor<br>"datain")) and<br>@AD< "19950101"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/23<br>08:56 |
| S96 | 19    | (controller adj2 (sensor<br>"datain")) and<br>@AD< "19950101" and<br>(series with nodes)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/23<br>08:57 |
| S97 | 5     | "6002686"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO | OR | ON | 2008/05/23<br>10:13 |

|     |    |  |                    |    |    |                     |
|-----|----|--|--------------------|----|----|---------------------|
| S98 | 47 | (US-20030057887-\$ or US-20030053456-\$ or US-20030057886-\$ or US-20080088258-\$ or US-20010038628-\$ or US-20020108055-\$ or US-20060025897-\$).did. or (US-5836676-\$ or US-7191266-\$ or US-6609091-\$ or US-5606558-\$ or US-4455562-\$ or US-7242152-\$ or US-5974553-\$ or US-5450419-\$ or US-5095417-\$ or US-6069597-\$ or US-5633629-\$ or US-6865632-\$ or US-4367464-\$ or US-7253566-\$ or US-6777891-\$ or US-6720745-\$ or US-6577080-\$ or US-6427147-\$ or US-6454649-\$ or US-4712214-\$ or US-6002686-\$ or US-6608453-\$ or US-7202613-\$ or US-7358929-\$ or US-6885664-\$ or US-6889226-\$).did. or (US-5420482-\$ or US-7161313-\$ or US-7292209-\$ or US-6031343-\$ or US-6668344-\$ or US-4935866-\$ or US-5319360-\$ or US-4901277-\$ or US-4980780-\$ or US-4271408-\$ or US-5812105-\$ or US-5021942-\$ or US-5333135-\$ or US-6718497-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2008/05/23<br>10:15 |
| S99 | 35 | (US-20030057887-\$ or US-20030053456-\$ or US-20030057886-\$ or US-20080088258-\$ or US-20010038628-\$ or US-20020108055-\$ or US-20060025897-\$).did. or (US-5836676-\$ or US-7191266-\$ or US-6609091-\$ or US-5606558-\$ or US-4455562-\$ or US-7242152-\$ or US-5974553-\$ or US-5450419-\$ or US-5095417-\$ or US-6069597-\$ or US-5633629-\$ or US-6865632-\$ or US-4367464-\$ or US-7253566-\$ or US-6777891-\$ or US-6720745-\$ or US-6577080-\$ or US-6427147-\$ or US-6454649-\$ or US-  | US-PGPUB;<br>USPAT | OR | ON | 2008/05/23<br>10:15 |



4712214-\$ or US-6002686-\$ or US-6608453-\$ or US-7202613-\$ or US-7358929-\$ or US-6885664-\$ or US-6889226-\$.did. or (US-5420482-\$ or US-7161313-\$ or US-7292209-\$ or US-6031343-\$ or US-6668344-\$ or US-4935866-\$ or US-5319360-\$ or US-4901277-\$ or US-4980780-\$ or US-4271408-\$ or US-5812105-\$ or US-5021942-\$ or US-5333135-\$ or US-6718497-\$.did. and game

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